

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	56	fukuda-yoshinobu.in. fukuda-yoshinobu-\$in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L2	18	namba-hideaki.in. namba-hideaki-\$in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L3	15	L2 not L1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L4	71	L1 L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L5	18	("1524771"   "1896025"   "4548309"   "4967893"   "5779018"   "5878857"   "5904234").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L6	158	rivet with (body with (step or stepped))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L7	654	((multiple\$disk or multi\$plate or multi \$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj (plate or disk or disc)) with iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L8	32	L7 and iron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L9	22	("4537296"   "4549641").PN. OR ("4635780").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/18 14:51
L10	1	GB-2133115-A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L11	2	"5927459".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L12	1	GB-2300679-A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L13	2	"5127499".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L14	197	L4 L5 L6 L8 L9 L10 L11 L12 L13	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/18 14:51
L15	139	192/55.61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L16	139	L15 not L14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51

L17	336	L14 L16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L18	161	192/214.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L19	148	L18 not L17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L20	484	L17 L19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L21	146	192/89.24.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L22	141	L21 not L20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L23	625	L20 L22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L24	321	192/89.23.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L25	302	L24 not L23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L26	927	L23 L25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L27	530	192/70.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L28	441	L27 not L26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L29	1368	L26 L28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L30	498	192/70.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L31	468	L30 not L29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L32	1836	L29 L31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L33	700	192/70.27.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L34	471	L33 not L32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51

L35	2307	L32 L34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L36	4	(biasing adj member) with (wavy adj spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L37	100	(clutch) and (wavy adj spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L38	15	bias and L37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L39	820	(clutch) and ((wavy or wave or waving) adj spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L40	312	bias and L39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L41	6	((multiple\$disk or multi\$plate or multi\$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj (plate or disk or disc))) and L40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L42	9	((retaining or retainer or coupling or coupler) adj plate) and L40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:51
L43	9	L42 not L41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:51
L44	2338	L36 L38 L41 L43 L35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:51
L45	96	okazaki-masaharu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L46	2	L45 and multiple	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L47	2340	L44 L46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L48	2542877	@pd> = "20090223"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:53
L49	44	47 and 48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:53
L50	2340	47 49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:55
L51	310832	clutch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56
L52	112575	friction WITH (disk or disc or plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56

L53	31297	friction adj2 (disk or disc or plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56
L54	1834276	carbon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56
L55	495	53 WITH 54	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:57
L56	194	51 and 55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:57
L57	1489	192/70.14,70.17,70.19,70.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:25
L58	120	54 and 57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:25
L59	99	58 not 56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:25
L60	293	56 59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:33
L64	330	( "1016427" "1344399" "1455587" "1526203" "1554394" "1717534" "1756428" "1803430" "1954190" "1982235" "2038016" "2190874" "2441140" "3010555" "3236347" "3300853" "3417844" "3519037" "3613851" "3640365" "3695407" "3759353" "3791500" "3887041" "3917043" "3932568" "3983974" "4020937" "4055236" "4108286" "4124318" "4159656" "4249642" "4286694" "4425994" "4456356"   "1131769" "1402129" "1460454" "1531341" "1573217" "1727142" "1756731" "1855937" "1963188" "2002943" "2158244" "2276416" "2910148" "3033326" "3261440" "3334716" "3441320" "3552533" "3620635" "3666062" "3724612" "3765514" "3793689" "3894621" "3926285" "3934686" "3994370" "4022310" "4095683" "4111291" "4132294" "4225025" "4254855" "4368810" "4430064" "4466524"   "1330965" "1423833" "1510123" "1549976" "1665999" "1746805" "1803077" "1896914" "1977368" "2016305" "2174316" "2286502" "2925897" "3075691" "3295572" "3410382" "3473637" "3557923" "3639197" "3692150" "3752268" "3791499" "3863747" "3902578" "3931876" "3970174" "3994378" "4026393" "4101015" "4117912" "4142619" "4236620" "4280598" "4383594" "4450943" "4485908"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/18 16:00

		"4537295"   "4553655"   "4574449"   "4575210"   "4601377"   "4605114"   "4611701"   "4615426"   "4645041"   "4651857"   "4662239"   "4676357"   "4677836"   "4678071"   "4687087"   "4696376"   "4697685").PN. OR ("4744448"   "4779476"   "4796045"   "4809834"   "4828091"   "4846326"   "4883153"   "4890132"   "4911533"   "4940124"   "5123510"   "5123511"   "5127499"   "5127504"   "5127505"   "5137131"   "5181594"   "5205388"   "5284232"   "5301779"   "5305943"   "5318390"   "5320205"   "5355984"   "5383544"   "5385224"   "5404979"   "5505286"   "5509519"   "5638932"   "5743367"   "5765674"   "5779018"   "5857546"   "5960921"   "Re19876"). PN. OR ("2003/0024788"   "2003/0213670"   "2007/0119679"   "4281881"   "4790419"   "4967893"   "5007517"   "5052781"   "5123511"   "5127499"   "5127504"   "5301779"   "5415262"   "5494143"   "5743367"   "5904234"   "6021878"   "6026944"   "6070707"   "6581259"   "6736248"). URPN.				
L65	259	64 not 60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 16:00
L66	26	54 and 65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 16:00
L67	319	60 66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 16:02
S1	55	fukuda-yoshinobu.in. fukuda-yoshinobu- \$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:19
S2	18	namba-hideaki.in. namba-hideaki-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:37
S3	15	S2 not S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:37
S5	70	S1 S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:39
S7	18	("1524771"   "1896025"   "4548309"   "4967893"   "5779018"   "5878857"   "5904234").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:41
S9	146	rivet with (body with (step or stepped))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 16:52
S18	613	((multiple\$disk or multi\$plate or multi \$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj (plate or disk or disc)) with iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 14:36

S19	30	S18 and iron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 14:37
S22	22	("4537296"   "4549641").PN. OR ("4635780").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/22 15:58
S23	1	GB-2133115-A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 16:27
S24	2	"5927459".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 17:09
S26	1	GB-2300679-A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 18:33
S27	2	"5127499".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 18:38
S28	55	fukuda-yoshinobu.in. fukuda-yoshinobu- \$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S29	18	namba-hideaki.in. namba-hideaki-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S30	15	S29 not S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S31	70	S28 S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S32	18	("1524771"   "1896025"   "4548309"   "4967893"   "5779018"   "5878857"   "5904234").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S33	146	rivet with (body with (step or stepped))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S34	613	((multiple\$disk or multi\$plate or multi \$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj plate or disk or disc)) with iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S35	30	S34 and iron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S36	22	("4537296"   "4549641").PN. OR ("4635780").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/23 10:27
S37	1	GB-2133115-A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S38	2	"5927459".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S39	1	GB-2300679-A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27

S40	2	"5127499".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S41	191	S31 S32 S33 S35 S36 S37 S38 S39 S40	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/23 10:27
S43	135	192/55.61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:28
S44	135	S43 not S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:28
S45	326	S41 S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:52
S46	159	192/214.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:53
S47	146	S46 not S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:53
S48	472	S45 S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:30
S49	145	192/89.24.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:31
S50	140	S49 not S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:31
S51	612	S48 S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:40
S52	320	192/89.23.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:41
S53	301	S52 not S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:41
S54	913	S51 S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:48
S55	515	192/70.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:48
S56	427	S55 not S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:48
S57	1340	S54 S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:02
S58	486	192/70.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:02
S59	456	S58 not S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:02

S60	1796	S57 S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:12
S61	699	192/70.27.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:12
S62	470	S61 not S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:12
S63	2266	S60 S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:35
S64	3	(biasing adj member) with (wavy adj spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:03
S65	96	(clutch) and (wavy adj spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:05
S66	15	bias and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:05
S67	776	(clutch) and ((wavy or wave or waving) adj spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:13
S68	761	S67 not S66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:14
S69	300	bias and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:14
S70	5	((multiple\$disk or multi\$plate or multi\$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj (plate or disk or disc))) and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:15
S71	8	((retaining or retainer or coupling or coupler) adj plate) and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/23 15:16
S72	8	S71 not S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/23 15:17
S73	2294	S64 S66 S70 S72 S63	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/23 16:27
S78	95	okazaki-masaharu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 20:03
S79	2	S78 and multiple	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 20:03

2/18/10 4:02:51 PM

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